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LAB N° 0045 L

Test Report No.:	2106102-001	Customer Code 07664-1
Date Test Report	10-set-21	Dear:
Acceptance:	2106102	ABITEX SRL
Arrival date sample	06-set-21	Via Enrico Fermi 9/11
Start date test	06-set-21	35010 CADONEGHE (PD) Italia
End date test	10-set-21	C.a. sig. Matteo Bortolossi
References:		Phone:
Sampling Mode:	Sampling by Customer *	

[C] Item:	ANGEL - BATCH N. 01985/7938
[C] Declared Composition:	100% Polypropylene
[C] End use:	Upholstery
[C] Typology:	Fabric
Return:	No request

Test Results

Test	Method	U.M.	Result
15066 UPHOLSTERY FURNITURE COMPONENTS: ASSESSMENT OF THE IGNITABILITY BY SMOULDERING CIGARETTE	NFPA 260:2019 (except Par 4.2, 6.5, 7.6)		.
Test carried out on			cover fabric
Ignition source			SMOULDERING CIGARETTE
Materials of test assembly			.
Upholstery filling: NON fire retardant polyurethane foam with a density of 28 kg/m ³ Inner cover: - Outer cover: SEE ARTICLE DESCRIPTION			
TEST RESULT			Class I
Deviations from the method			none
Annex n.			1F
Details of the test results related to each specimen can be seen in the annex of this test report.			

(*) = The tests marked in this way are not accredited by Accredia

The Results contained in this Report refer only to the Sample as received and do not imply an approval of the tested product by the Laboratory of the Centro Tessile Serico Sostenibile Srl. Unless otherwise specified, the side examined / straight of use is indicated by the Customer: this information can influence the results of the tests and therefore the Test Laboratory declines all responsibility.

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LAB N° 0045 L

Test Report No.: **2106102-001**

Test	Method	U.M.	Result
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The Laboratory Manager

Fausto Albonico

END OF REPORT

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LAB N° 0045 L

Annex n. 1F to test report n. 2106102-001

DETAILS OF TEST RESULTS

Test executed according to NPFA 260:2019 Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture

Sample description: **ANGEL - BATCH N. 01985/7938**

Declared composition: **100% Polypropylene**

Conditioning of test specimen and ignition source: **21 ± 2,8 °C, <65% r.h.**

Testing temperature and r.h.: **22°C, 57% r.h.**

Filling specification: **NON FIRE-RETARDANT polyurethane foam with a density of 28 kg/m³**

Date of test: **10/09/2021**

Specimen number	1	2	3
Total combustion of the cigarette (YES / NO)	YES	YES	YES
Time of progressive smouldering from placement of the source (min)	27	29	28
Size of the damage in the vertical direction (mm)	33	35	34
Obvious ignition occurs (YES / NO)	NO	NO	NO
CIGARETTE TEST RESULT (Class I/Class II)	Class I	Class I	Class I

Cover Fabric Classification (ref. NFPA 260:2019)

CLASS I

When subjected to the cover fabric test, a specimen shall show no evidence of ignition of any test assembly. The vertical char on any of the three specimens shall not exceed 45 mm.

CLASS II

Cover fabrics that do not meet Class I criteria shall be designated as Class II.

The following test result relate only to the ignitability of the combination of materials under the particular conditions of test. They are not intended as a means of assessing the full potential fire hazard of the material in use.

The probability that the criteria represent the truth observation is equal to 95%.

The expanded uncertainty is calculated by multiplying the combined standard uncertainty for a coverage factor $k = 2$, which for a normal distribution leads to a confidence level of approximately 95%.

The Laboratory Manager
Fausto Albionico